

INSTRUCTIONS FOR KIT #2004659      DUAL KIT

FITS 1997-2003 FULL-SIZE FORD 1/2 & 3/4 TON 2WD & 4WD PICKUPS W/V-8 & 6 CYL. WITH 2-1/2" EXHAUST AT CONVERTER. THIS KIT FITS ALL WHEEL BASE MODELS. DOES NOT FIT DIESEL, V-10, LIGHTNING OR SUPER DUTY.

**NOTE:** DO NOT TIGHTEN ANY CLAMPS OR BOLTS UNTIL THE LAST STEP!

1) REMOVE THE EXHAUST SYSTEM AT THE CLAMP BEHIND THE CONVERTERS LEAVING ONLY THE ORIGINAL Y PIPE, RUBBER MOUNTS, AND CATALYTIC CONVERTERS ON THE TRUCK.

**NOTE:** THE EXTENSION PIPE WILL FIT THE LONGER WHEEL BASE TRUCKS WITHOUT CUTTING. ON ALL OTHER VEHICLES THE EXTENSION PIPE WILL NEED TO BE CUT FROM THE 3" O.D. END (THE END THAT IS NOT SHRUNK) AS NECESSARY.

2) SLIP THE FRONT PIPE INTO PLACE. WITH THE TAIL PIPES IN THE REAR OF THE MUFFLER, HOLD UP THE MUFFLER AND TAIL PIPES IN A POSITION THAT CLEARS ALL CHASSIS COMPONENTS. MARK THE FRONT PIPE. MAKE SURE TO ACCOUNT FOR AT LEAST 2" OF THE PIPE TO GO INTO THE MUFFLER. CUT THE FRONT PIPE.

3) USE THE 2-1/2" CLAMP TO ATTACH THE EXTENSION PIPE TO THE CONVERTER PIPE.

4) USE THE 3" MUFFLER CLAMP TO ATTACH THE INLET OF THE MUFFLER AND THE EXTENSION PIPE TOGETHER.

5) INSTALL THE LEFT TAIL PIPE USING A 2-1/4" CLAMP TO THE LEFT OUTLET OF THE MUFFLER.

6) INSTALL A 30" I.D/O.D TAIL PIPE EXTENSION TO THE LEFT TAIL PIPE. (YOU WILL WANT TO TRIM THE EXTENSION TO YOUR DESIRED LENGTH.)

7) LOCATE OR DRILL A HOLE IN THE FRAME NEAR THE END OF THE OVER THE AXLE SECTION OF THE LEFT TAIL PIPE BEFORE THE LAST BEND. USING THE 5/16 X 1" BOLT, NUT, LOCK AND FENDER WASHER, INSTALL THE BR91930 (360 SWINGER HANGER) TO THE FRAME AND ATTACH TO THE LEFT TAIL PIPE USING A 2-1/4" CLAMP. **NOTE:** BOTH TAIL PIPES ARE ROUTED BETWEEN THE SHOCK AND THE SPARE TIRE. THE LEFT TAIL PIPE HAS A 48 DEG. FIRST BEND AND 65 DEG. LAST BEND, AND THE RIGHT TAIL PIPE HAS A 30 DEG. FIRST BEND AND 65 DEG. LAST BEND.

8) INSTALL THE RIGHT TAIL PIPE USING A 2-1/4" CLAMP TO THE RIGHT OUTLET OF THE MUFFLER.

9) LOCATE OR DRILL A 5/16" HOLE IN THE FRAME ABOVE EITHER OUTLET OF THE MUFFLER. INSTALL A BR91930 SWINGER HANGER TO THE FRAME USING A 5/16" X 1" BOLT, NUT, LOCK WASHER, AND FENDER WASHER. CONNECT THE HANGER AND EITHER SIDE CONNECTION POINT OF THE LEFT OR RIGHT TAIL PIPE AND MUFFLER USING A 2-1/4" CLAMP.

10) INSTALL A 30" I.D/O.D TAIL PIPE EXTENSION TO THE RIGHT TAIL PIPE. (YOU WILL WANT TO TRIM THE EXTENSION TO YOUR DESIRED LENGTH.)

11) LOCATE OR DRILL A HOLE IN THE FRAME NEAR THE END OF THE OVER THE AXLE SECTION OF THE LEFT TAIL PIPE BEFORE THE LAST BEND. USING THE 5/16" X 1" BOLT, NUT, LOCK AND FENDER WASHER, INSTALL THE BR91930 (360 SWINGER HANGER) TO THE FRAME AND CONNECT TO THE LEFT TAIL PIPE USING A 2-1/4" CLAMP.

12) TIGHTEN ALL CLAMPS AND BOLTS AND CHECK FOR CLEARANCE OF THE FRAME, BODY, AND BRAKE AND FUEL LINES.

**Heartthrob exhaust systems are manufactured by Heartthrob Exhaust--Litchfield, MN**

**Email us at [mike@heartthroboxhaust.com](mailto:mike@heartthroboxhaust.com) with any questions.**

**HARDWARE KIT FOR KIT #2004659:**

- |                                    |                                    |
|------------------------------------|------------------------------------|
| 1) FRONT EXTENSION PIPE #1024555-3 | 1) LEFT TAIL PIPE #2004400-2       |
| 1) RIGHT TAIL PIPE #2005000-3      | 2) TAIL PIPE EXTENSIONS #2005000-4 |
| 1) #54441 MUFFLER                  |                                    |
| 1) 2-1/2" CLAMP                    | 1) 3" CLAMP                        |
| 6) 2-1/4" CLAMPS                   | 3) BR91930 360 SWINGER HANGERS     |
| 3) 5/16" X 1" BOLTS                | 3) 5/16" NUTS                      |
| 3) FENDER WASHERS (33219)          | 3) 5/16" LOCK WASHERS              |

**DANGER WARNING:** SHOULD THE PURCHASER DECIDE TO INSTALL THIS, OR ANY OTHER EXHAUST PRODUCT AT HOME, BE WARNED THAT PLEASURE CAR OR LIGHT DUTY TRUCK/VAN "BUMPER JACKS" ARE INTENDED FOR EMERGENCY USE ONLY. THE USE OF FRAME CONTACT JACK STANDS IN CONJUNCTION WITH A FLOOR JACK AS MAIN SUPPORT IS HIGHLY RECOMMENDED TO MINIMIZE ACCIDENTAL DROPPING OF A VEHICLE WHILE THE INSTALLATION PROCEEDS.

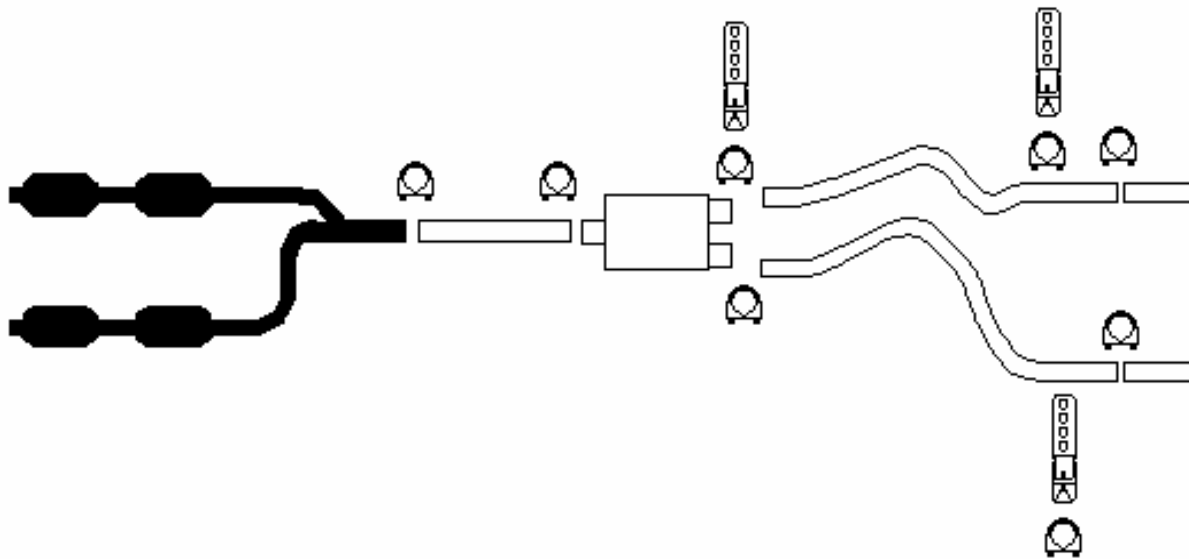
Limitation of liability--Disclaimers: The regulation of emissions production, noise levels and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns and counties.

The manufacturer makes no warranties of merchantability, of fitness for a particular purpose, or that its products are approved for general use, or that its products comply with laws, regulations or ordinances in the states where they may be sold to the ultimate purchaser, the consumer.

The entire risk as to the conformity of this product in any such state and as to repair, should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer of such product and it is not upon the seller, distributor, or manufacturer.

In this connection, retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations, and or repair.

The foregoing statement limits the liability of the manufacturer.



**BUILD SHEET FOR: CAT-BACK DUAL KITS  
PART #: 2004659**

- \_\_\_ 1) FRONT EXTENSION PIPE #1024555-3
- \_\_\_ 1) LEFT TAIL PIPE #2004400-2
- \_\_\_ 1) RIGHT TAIL PIPE #2005000-3
- \_\_\_ 2) TAIL PIPE EXTENSIONS #2005000-4
- \_\_\_ 1) #54441 MUFFLER
- \_\_\_ 1) HARDWARE KIT

INSPECTED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

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